



SEQUENCE LISTING

#19/C

<110> BANNAN, JASON D.
ZABRISKIE, JOHN B

<120> PEPTIDES USEFUL FOR REDUCING SYMPTOMS OF TOXIC SHOCK
SYNDROME AND SEPTIC SHOCK

<130> 20164010US2

<140> 09/335,581

<141> 1999-06-18

<150> 08/838,413

<151> 1997-04-07

<150> PCT/US98/06663

<151> 1998-04-01

<150> 09/168,303

<151> 1998-10-07

<160> 80

<170> PatentIn Ver. 2.1

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Sequence derived from staphylococcal and
streptococcal toxins

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Leu Xaa Xaa Xaa Xaa Xaa Xaa Tyr

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sequence derived from staphylococcal and
streptococcal toxins

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sequence derived from staphylococcal and
streptococcal toxins

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Leu Val Asp Asn Lys Lys Leu Tyr

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sequence derived from staphylococcal and
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sequence derived from staphylococcal and
streptococcal toxins

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Cys Gly Lys Lys Asn Val Thr Val Gln Glu Leu Asp Tyr Lys Ile Arg
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sequence derived from staphylococcal and
streptococcal toxins

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sequence derived from staphylococcal and
streptococcal toxins

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Thr Val Gln Glu Leu Asp Tyr Lys Ile Arg Lys Tyr Leu Val Asp Asn

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Lys Lys Leu Tyr Gly Cys

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Cys Met Tyr Gly Gly Val Thr Leu His Asp Asn Asn

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<213> Staphylococcus

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Cys Met Tyr Gly Gly Val Thr Glu His Asn Gly Asn

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Cys Met Tyr Gly Gly Ile Thr Lys His Glu Gly Asn

1 5 10

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<400> 12

Cys Thr Tyr Gly Gly Val Thr Pro His Glu Gly Asn

1 5 10

<210> 13

<211> 12

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<400> 13

Cys Met Tyr Gly Gly Val Thr Leu His Asp Asn Asn

1 5 10

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<211> 11

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Cys Leu Tyr Gly Gly Ile Thr Leu Asn Ser Glu

1 5 10

<210> 15

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Cys Ile Tyr Gly Gly Val Thr Asn His Glu Gly Asn

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Tyr Ile Tyr Gly Gly Ile Thr Pro Ala Gln Asn Asn
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Lys Lys Asn Val Thr Val Gln Glu Leu Asp Leu Gln Ala Arg Arg Tyr
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Leu Gln Glu Lys Tyr Asn Leu Tyr
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1 5 10 15

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Lys Lys Ser Val Thr Ala Gln Glu Leu Asp Ile Lys Ala Arg Asn Phe
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Leu Ile Asn Lys Lys Asn Leu Tyr
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Leu Gln Lys Asp Leu Lys Leu Tyr
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<210> 22

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<400> 22

Lys Lys Glu Val Thr Val Gln Glu Leu Asp Leu Gln Ala Arg His Tyr
1 5 10 15

Leu His Gly Lys Phe Gly Leu Tyr
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<210> 23

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Lys Lys Asn Val Thr Leu Gln Glu Leu Asp Ile Lys Ile Arg Lys Ile
1 5 10 15

Leu Ser Asp Lys Tyr Lys Ile Tyr
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<213> Streptococcus

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Lys Lys Met Val Thr Ala Gln Glu Leu Asp Tyr Lys Val Arg Lys Tyr
1 5 10 15
Leu Thr Asp Asn Lys Gln Leu Tyr
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<213> Streptococcus

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Lys Asp Ile Val Thr Phe Gln Glu Ile Asp Phe Lys Ile Arg Lys Leu
1 5 10 15
Tyr Met Asp Asn Tyr Lys Ile Tyr
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<213> Streptococcus

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Lys Lys Gln Val Thr Val Gln Glu Leu Asp Cys Lys Thr Arg Lys Ile
1 5 10 15
Leu Val Ser Arg Lys Asn Leu Tyr
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<210> 27
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<400> 27
Lys Lys Gln Leu Ala Ile Ser Thr Leu Asp Phe Glu Ile Arg His Gln
1 5 10 15

Leu Thr Gln Ile His Gly Leu Tyr

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sequence derived from staphylococcal and
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<223> XAA may be L, I or V

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1 5 10 15

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Tyr
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sequence derived from staphylococcal and
streptococcal toxins

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<222> (6)

<223> XAA may be V or I; preferably V

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<222> (8)

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<222> (10)

<223> XAA may be D, N, E, Q or H; preferably E

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<210> 31

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 <222> (6)
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Sequence derived from staphylococcal and
streptococcal toxins

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Xaa Xaa Xaa Xaa Xaa Xaa Leu Tyr

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Cys Met Tyr Gly Gly Val Thr Leu His Asp Gly Asn

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<210> 33

<211> 12

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staphylococcal and streptococcal toxins

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Cys Met Tyr Gly Gly Val Thr Leu His Asn Gly Asn
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<210> 34

<211> 12

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<223> Description of Artificial Sequence: Variants of
staphylococcal and streptococcal toxins

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Cys Met Tyr Gly Gly Val Thr Leu His Glu Gly Asn
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<223> Description of Artificial Sequence: Variants of
staphylococcal and streptococcal toxins

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Cys Met Tyr Gly Gly Val Thr Leu His Gln Gly Asn
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<223> Description of Artificial Sequence: Variants of
staphylococcal and streptococcal toxins

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Cys Met Tyr Gly Gly Val Thr Leu His His Gly Asn

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<210> 39
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Cys Met Tyr Gly Gly Val Thr Glu His Gln Gly Asn
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<223> Description of Artificial Sequence: Variants of
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<210> 41

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<210> 42

<211> 12

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<210> 43

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<223> Description of Artificial Sequence: Variants of
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<210> 46
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staphylococcal and streptococcal toxins

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<210> 47
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<210> 48

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<223> Description of Artificial Sequence: Variants of
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<210> 49

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<223> Description of Artificial Sequence: Variants of
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<210> 50

<211> 12

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<223> Description of Artificial Sequence: Variants of
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Cys Met Tyr Gly Gly Val Thr Pro His His Gly Asn

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<210> 51

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<210> 52

<211> 12

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<210> 53

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<210> 54
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staphylococcal and streptococcal toxins

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staphylococcal and streptococcal toxins

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<210> 57
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staphylococcal and streptococcal toxins

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Cys Met Tyr Gly Gly Ile Thr Leu His Asn Gly Asn
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<210> 58

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<223> Description of Artificial Sequence: Variants of
staphylococcal and streptococcal toxins

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Cys Met Tyr Gly Gly Ile Thr Leu His Glu Gly Asn
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<210> 59

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<223> Description of Artificial Sequence: Variants of
staphylococcal and streptococcal toxins

<400> 59

Cys Met Tyr Gly Gly Ile Thr Leu His Gln Gly Asn
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<223> Description of Artificial Sequence: Variants of
staphylococcal and streptococcal toxins

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Cys Met Tyr Gly Gly Ile Thr Leu His His Gly Asn
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<210> 61
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staphylococcal and streptococcal toxins

<400> 61
Cys Met Tyr Gly Gly Ile Thr Glu His Asp Gly Asn
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<210> 62
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<223> Description of Artificial Sequence: Variants of
staphylococcal and streptococcal toxins

<400> 62
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<210> 63
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staphylococcal and streptococcal toxins

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<210> 64
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staphylococcal and streptococcal toxins

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Cys Met Tyr Gly Gly Ile Thr Glu His Gln Gly Asn
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<210> 65

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<223> Description of Artificial Sequence: Variants of
staphylococcal and streptococcal toxins

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Cys Met Tyr Gly Gly Ile Thr Glu His His Gly Asn
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<210> 66

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<223> Description of Artificial Sequence: Variants of
staphylococcal and streptococcal toxins

<400> 66

Cys Met Tyr Gly Gly Ile Thr Lys His Asp Gly Asn
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<210> 67

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<212> PRT

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<223> Description of Artificial Sequence: Variants of
staphylococcal and streptococcal toxins

<400> 67

Cys Met Tyr Gly Gly Ile Thr Lys His Asn Gly Asn
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<210> 68
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Cys Met Tyr Gly Gly Ile Thr Lys His Glu Gly Asn
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<210> 69
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staphylococcal and streptococcal toxins

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<223> Description of Artificial Sequence: Variants of
staphylococcal and streptococcal toxins

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<210> 71
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staphylococcal and streptococcal toxins

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Cys Met Tyr Gly Gly Ile Thr Pro His Asp Gly Asn

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<210> 72

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staphylococcal and streptococcal toxins

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Cys Met Tyr Gly Gly Ile Thr Pro His Asn Gly Asn

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<210> 73

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<223> Description of Artificial Sequence: Variants of
staphylococcal and streptococcal toxins

<400> 73

Cys Met Tyr Gly Gly Ile Thr Pro His Glu Gly Asn

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<210> 74

<211> 12

<212> PRT

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<223> Description of Artificial Sequence: Variants of
staphylococcal and streptococcal toxins

<400> 74

Cys Met Tyr Gly Gly Ile Thr Pro His Gln Gly Asn

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<210> 75

<211> 12

<212> PRT

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<223> Description of Artificial Sequence: Variants of
staphylococcal and streptococcal toxins

<400> 75

Cys Met Tyr Gly Gly Ile Thr Pro His His Gly Asn

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<210> 76

<211> 12

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<223> Description of Artificial Sequence: Variants of
staphylococcal and streptococcal toxins

<400> 76

Cys Met Tyr Gly Gly Ile Thr Asn His Asp Gly Asn

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<210> 77

<211> 12

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